

# DYNAMIC CARDIAC PHANTOM AND METHOD OF SIMULATING CARDIAC MOTION

## Abstract of Disclosure

An apparatus and method for simulating cardiac motion for use with an imaging system are provided. The apparatus includes an expandable balloon-like member having a number of protrusions fluidly connected thereto. Fluid is circulated between the pump and a fluid reservoir by a pump which is controlled by a programmable controller. Imaging data is acquired during circulation of the fluid between the reservoir and the phantom and subsequently analyzed to determine the effectacy and efficiency of the imaging protocol.

## Figures